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INTERNATIONAL PRELIMINARY EXAMINATION REPORT
(PCT Article 36 and Rule 70)



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| Applicant's or agent's file reference 32527PC01 | FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/PEA/416) | |
| International application No. PCT/DK 03/00530 | International filing date (day/month/year) 07.08.2003 | Priority date (day/month/year) 09.08.2002 |
| International Patent Classification (IPC) or both national classification and IPC B60J1/00 | | |
| Applicant MOBILGLAS 2000 APS et al. | | |

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 5 sheets, including this cover sheet.
- ☐ This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the opinion
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

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|---|--|
| Date of submission of the demand 09.03.2004 | Date of completion of this report 27.10.2004 |
| Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465 | Authorized Officer Panatsas, A Telephone No. +49 89 2399-7067  |

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. **PCT/DK 03/00530**

I. Basis of the report

1. With regard to the **elements** of the international application (*Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)*):

Description, Pages

1-9 as originally filed

Claims, Numbers

1-23 as originally filed

Drawings, Sheets

1/3-3/3 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- ☐ the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
☐ the language of publication of the international application (under Rule 48.3(b)).
☐ the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
☐ filed together with the international application in computer readable form.
☐ furnished subsequently to this Authority in written form.
☐ furnished subsequently to this Authority in computer readable form.
☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- ☐ the description, pages:
☐ the claims, Nos.:
☐ the drawings, sheets:

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

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5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)).

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

6. Additional observations, if necessary:

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

| | | |
|-------------------------------|-------------|-------|
| Novelty (N) | Yes: Claims | 1-21 |
| | No: Claims | 22-23 |
| Inventive step (IS) | Yes: Claims | 1-21 |
| | No: Claims | 22-23 |
| Industrial applicability (IA) | Yes: Claims | 1-23 |
| | No: Claims | |

2. Citations and explanations

see separate sheet

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/DK 03/00530

Re Item V

Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

A. Claims 1-21

Independent claim 1

Prior Art

US-4819531 (document cited by the applicant) discloses a tool guiding apparatus for guiding a tool along a path on a surface to be processed.

The one end of the wire is connected to a winch and the other end fixedly secured to a part of the automobile. The wire is put along the periphery of the glue joint of the windscreen and the operator steers the cutting tool along this path/glue joint. The disadvantages are a not a very precise cutting of the glue joint and the risk of damaging the paint of the automobile. Thus the worker has to pay a lot of attention.

Object (problem to be solved)

Precise and secure cutting of glue joint.

Solution

One path-defining means is attached to the surface. An automatic tool actuation means is adapted to advance the tool along the path. Latter is achieved via a flexible force-transferring element (string) comprising two ends. The one end is fixed to the automatic tool actuation means and the second end to the tool. Via the force-transferring element the tool is guided along the path (glue joint).

The prior art documents disclose a different solution. There the string itself is the cutting tool. Thus no tool is being guided along the path (glue joint).

Dependent claims 2-21 disclose different modifications of aforementioned solution.

B. Claims 22-23

Independent claim 22

EP-0437793 (nearest prior art document) discloses (fig.3-5) a method for guiding a tool ("side edge "16" of the string "5", see fig.5) along a path ("2") on a surface ("1"), where in said method comprises the steps of:

- attaching at least one path defining means ("9,13,14") to the surface ("1") to be

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/DK 03/00530

- processed, and
- advancing the tool ("side edge "16" of the string "5", see fig.5) along the path ("2") by activating an automatic (col.6, line 46) tool actuation means ("10,11,12") (see also col.6, line 25 up to col.7, line 10).

Thus all features are known from EP-0437793. Consequently the subject-matter of claim 1 is not new (Art. 33(2) PCT).

The applicant is advised that document WO-86/07017 also discloses all features of claim 22.

Dependent claim 23

The features of claim 23 are already disclosed in EP-0437793 or in WO-86/07017 rendering the subject-matter not new (Art. 33(2) PCT).

Further comments

1. Independent claims are not in the two-part form in accordance with Rule 6.3(b) PCT, which in the present case would be appropriate, with those features known in combination from the prior art being placed in the preamble (Rule 6.3(b)(I) PCT) and with the remaining features being included in the characterising part (Rule 6.3(b)(ii) PCT).
2. The features of all claims (preamble and characterising portion) are not provided with reference signs placed in parentheses (Rule 6.2(b) PCT).
3. Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art for the method claim as disclosed in EP-0437793 or in WO-86/07017 is not mentioned in the description, nor is this document identified therein.
4. In the description no reference is made to reference sign "52" disclosed in fig.3.
5. The reference sign "54" mentioned in the description (page 9, line 9) is not disclosed in the figures.